

Chapter 1
Explore the Network
1.2
LANs, WANs, and the Internet
1.2.1
Network Components
1.2.1.7
Activity - Network Component Representations and Functions

Instruction

Drag the network component function to its device category.

Check
Reset

Activity - Network Component Icons

Device Category	Function	Representation
End Devices	Provides an interface between the human and the network.	Laptop
		Wireless Tablet
		IP Phone
		Desktop Computer
		Printer
		TelePresence Endpoint
Intermediary Devices	Provides connectivity and ensures data flows across the network.	Firewall Appliance
		Router
		Wireless Router
Network Media	Provides a channel for messages to travel from source to destination.	LAN Switch
		Multilayer Switch
		Wireless Media
		LAN Media
		WAN Media

Chapter 1
Explore the Network
1.3
The Network as a Platform
1.3.2
Reliable Network
1.3.2.6
Activity - Reliable Networks

Activity - Network Architecture Requirements

	Fault Tolerance	Scalability	Quality of Service	Security
1. Networks should always be available.	✓			
2. Priority queues are implemented when demand for network bandwidth exceeds supply.			✓	
3. Business and personal network equipment must be protected.				✓
4. Developing a plan for priority queuing is a strategy for quality delivery of information.			✓	
5. Business and personal data must be protected.				✓
6. Networks can grow or expand with minimal impact on performance.		✓		
7. Data can travel through more than one route for delivery from a remote source.	✓			
8. Common network standards allow hardware and software vendors to focus on product improvements and services.		✓		

Chapter 1
Explore the Network

1.4
The Changing Network Environment

1.4.3
Network Security

1.4.3.3
Activity - Network Security Terminology

Activity - Identify Network Security Terminology

Instructions

Drag the security term to the correct definition.

Denial of Service

Virtual Private Network (VPN)

Firewall

Zero-day (-hour)

Virus, worm, or Trojan horse

Definition

An attack which slows down or crashes equipment and programs.

Creates a secure connection for remote workers.

Blocks unauthorized access to your network.

Network attack that occurs on the first day that a vulnerability becomes known.

Arbitrary code running on user devices.

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